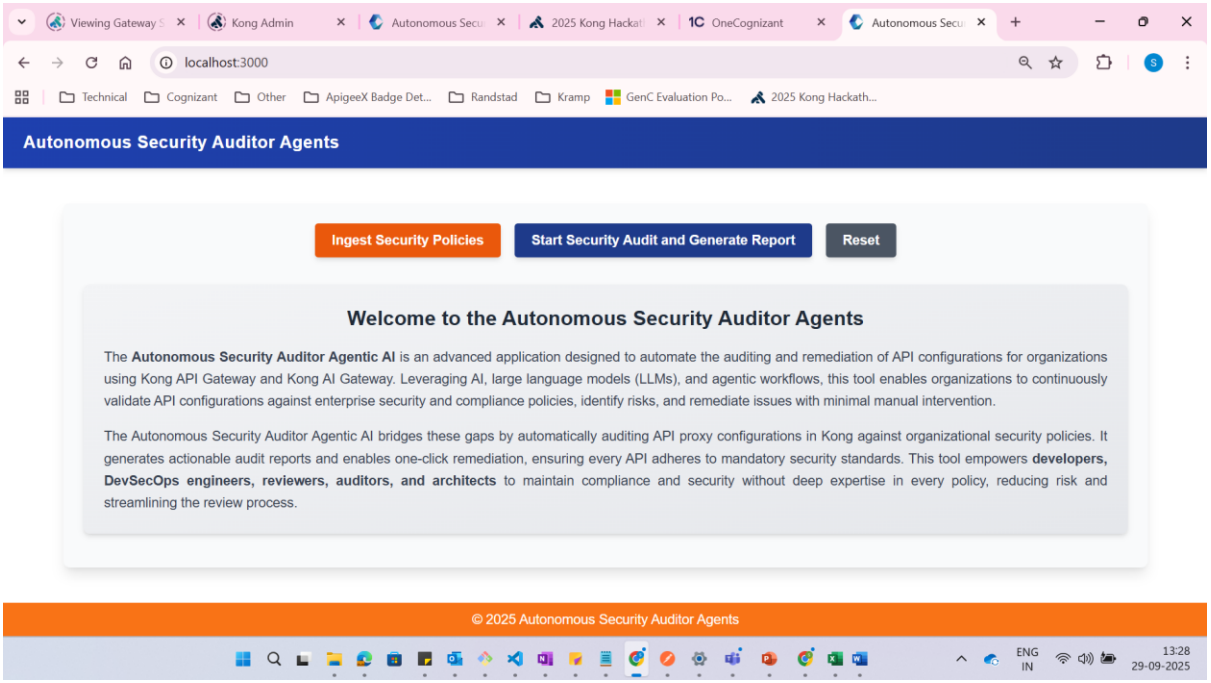
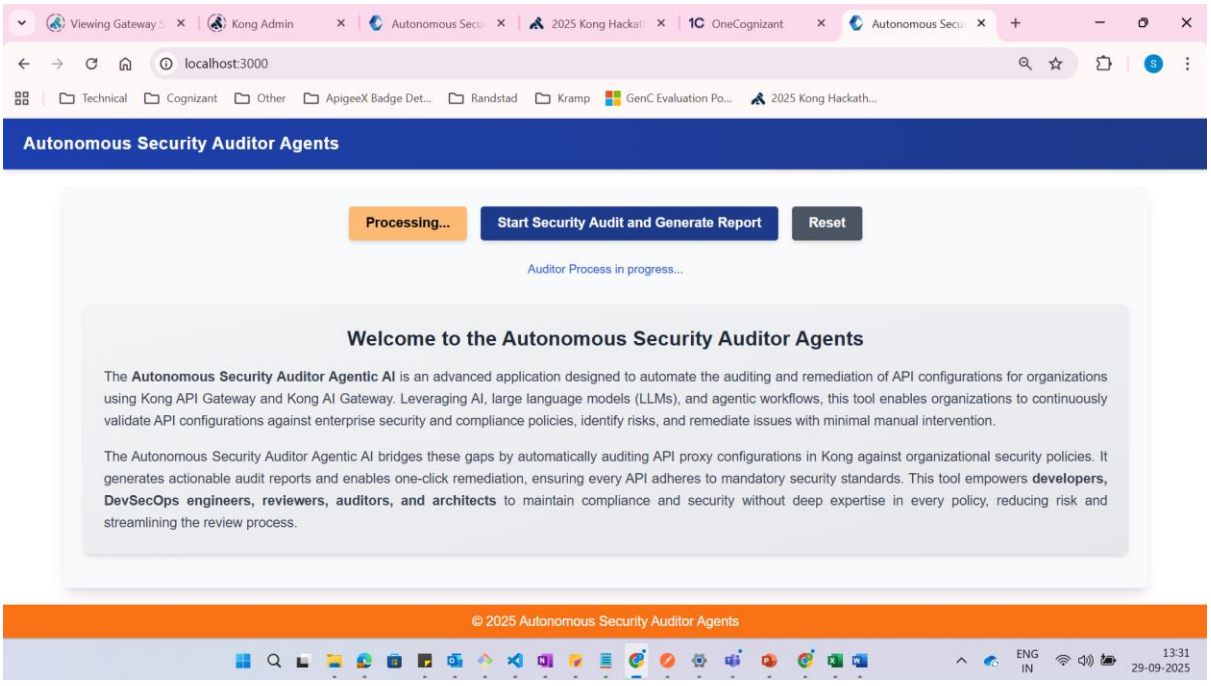
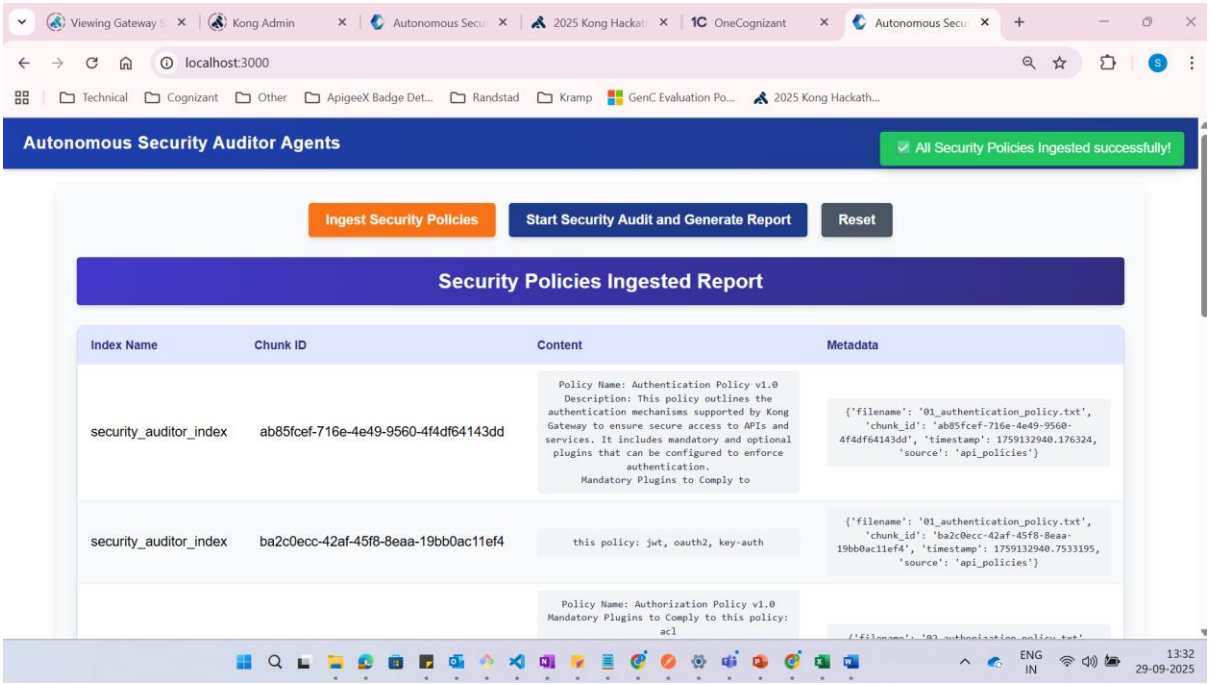
User Manual – Steps of Execution for Autonomous Security Auditor Agents

1. Home Page (After Login)

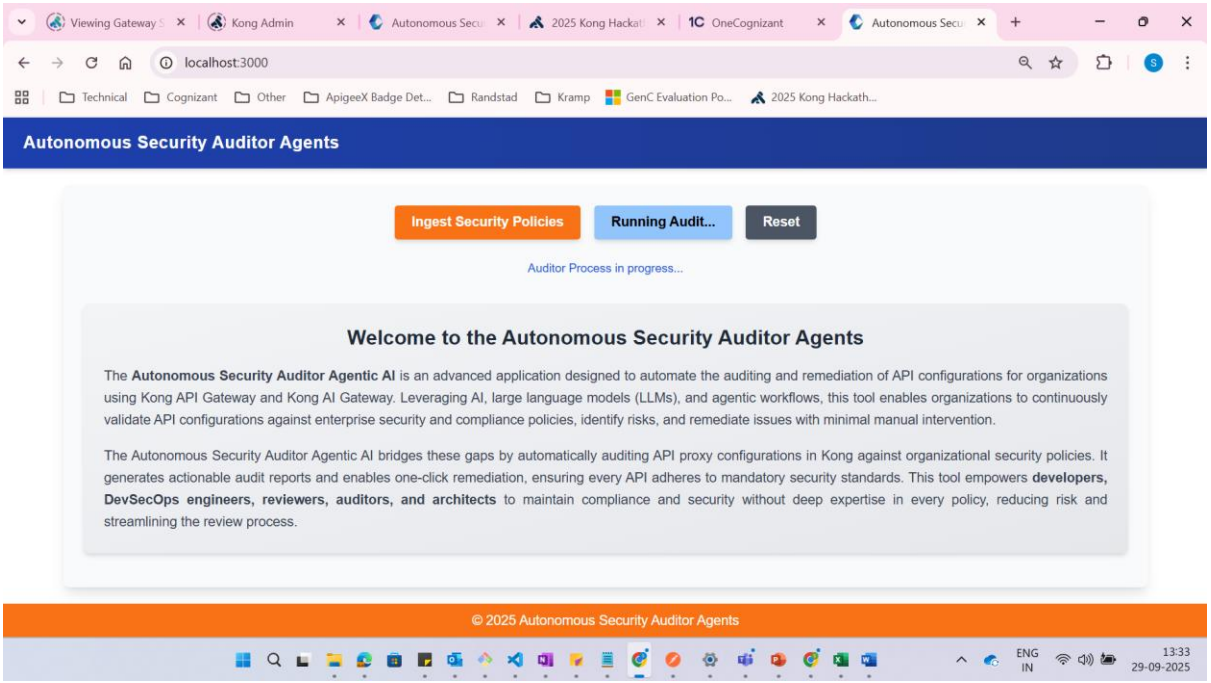


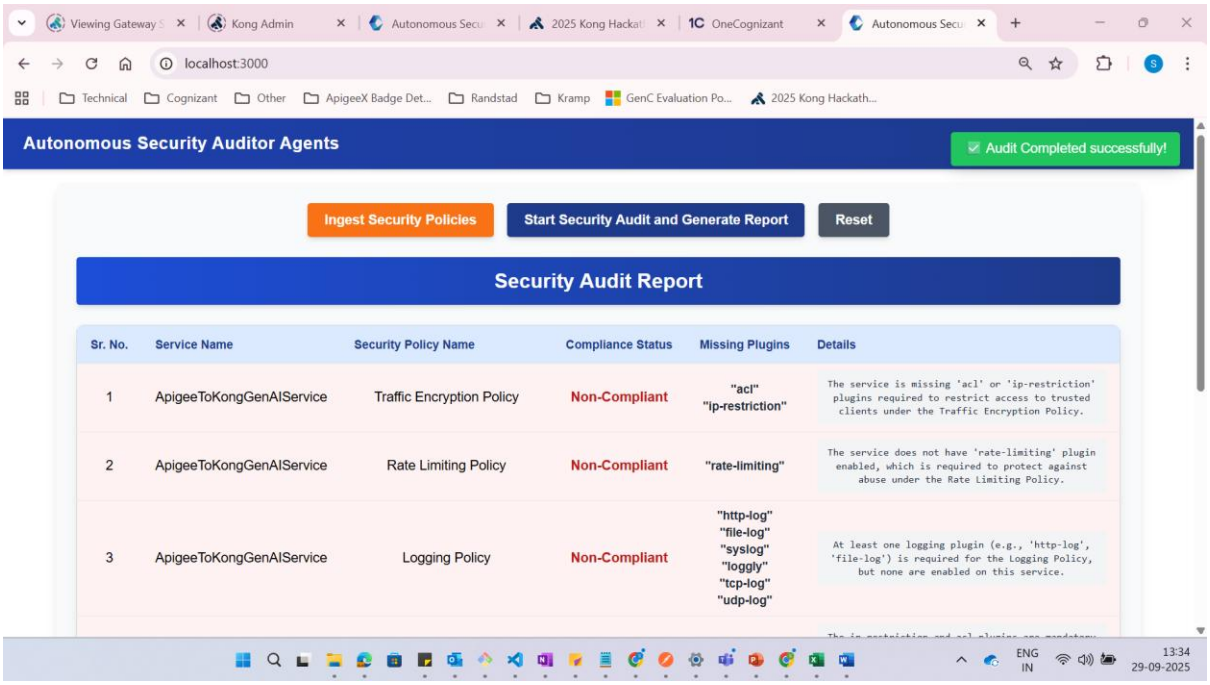
2. Ingest Organization Security Policies





3. Audit Kong API Configurations (Audit AI Agent)




Viewing Gateway S
Kong Admin
Autonomous Secu
2025 Kong Hackat
OneCognizant
Autonomous Secu
localhost:3000
Technical
Cognizant
Other
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2025 Kong Hackath...
Autonomous Security Auditor Agents
Audit Completed successfully!
Ingest Security Policies
Start Security Audit and Generate Report
Reset
Security Audit Report
Sr. No.
Service Name
Security Policy Name
Compliance Status
Missing Plugins
Details
1
ApigeeToKongGenAIService
Traffic Encryption Policy
Non-Compliant
"acl"
"ip-restriction"
The service is missing 'acl' or 'ip-restriction' plugins required to restrict access to trusted clients under the Traffic Encryption Policy.
2
ApigeeToKongGenAIService
Rate Limiting Policy
Non-Compliant
"rate-limiting"
The service does not have 'rate-limiting' plugin enabled, which is required to protect against abuse under the Rate Limiting Policy.
3
ApigeeToKongGenAIService
Logging Policy
Non-Compliant
"http-log"
"file-log"
"syslog"
"loggly"
"tcp-log"
"udp-log"
At least one logging plugin (e.g., 'http-log', 'file-log') is required for the Logging Policy, but none are enabled on this service.
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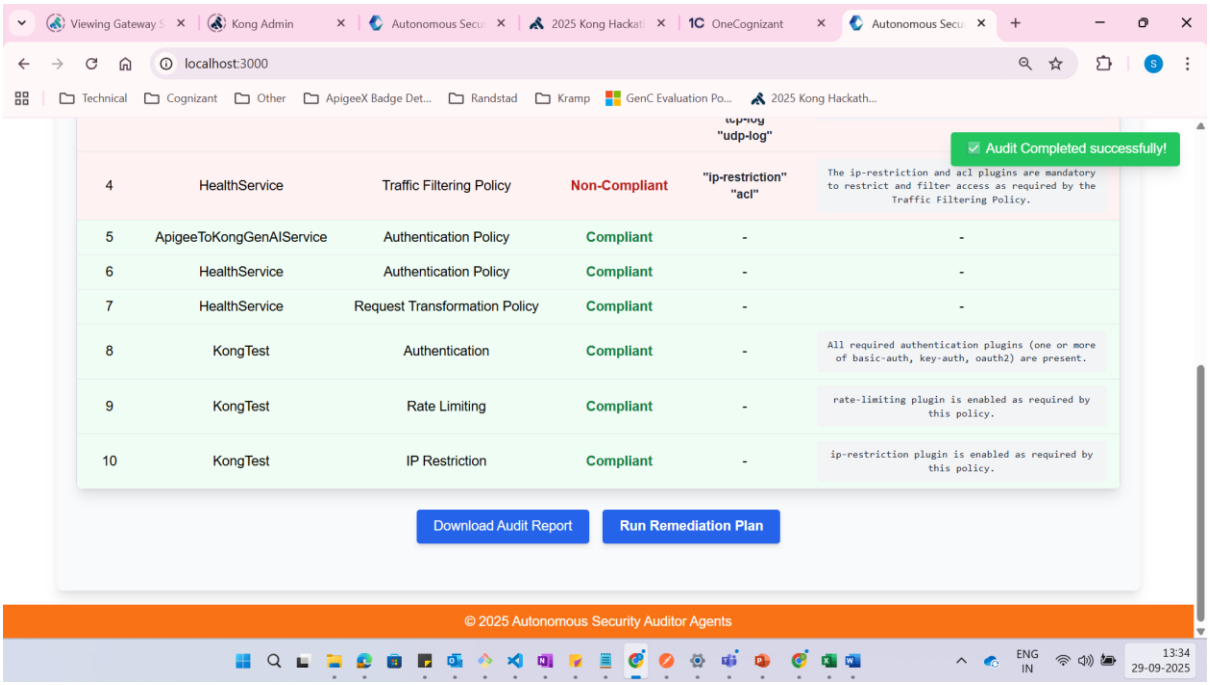
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2025 Kong Hackath...
"udp-log"
Audit Completed successfully!
4
HealthService
Traffic Filtering Policy
Non-Compliant
"ip-restriction"
"acl"
The ip-restriction and acl plugins are mandatory to restrict and filter access as required by the Traffic Filtering Policy.
5
ApigeeToKongGenAIService
Authentication Policy
Compliant
-
-
6
HealthService
Authentication Policy
Compliant
-
-
7
HealthService
Request Transformation Policy
Compliant
-
-
8
KongTest
Authentication
Compliant
-
All required authentication plugins (one or more of basic-auth, key-auth, oauth2) are present.
9
KongTest
Rate Limiting
Compliant
-
rate-limiting plugin is enabled as required by this policy.
10
KongTest
IP Restriction
Compliant
-
ip-restriction plugin is enabled as required by this policy.
Download Audit Report
Run Remediation Plan
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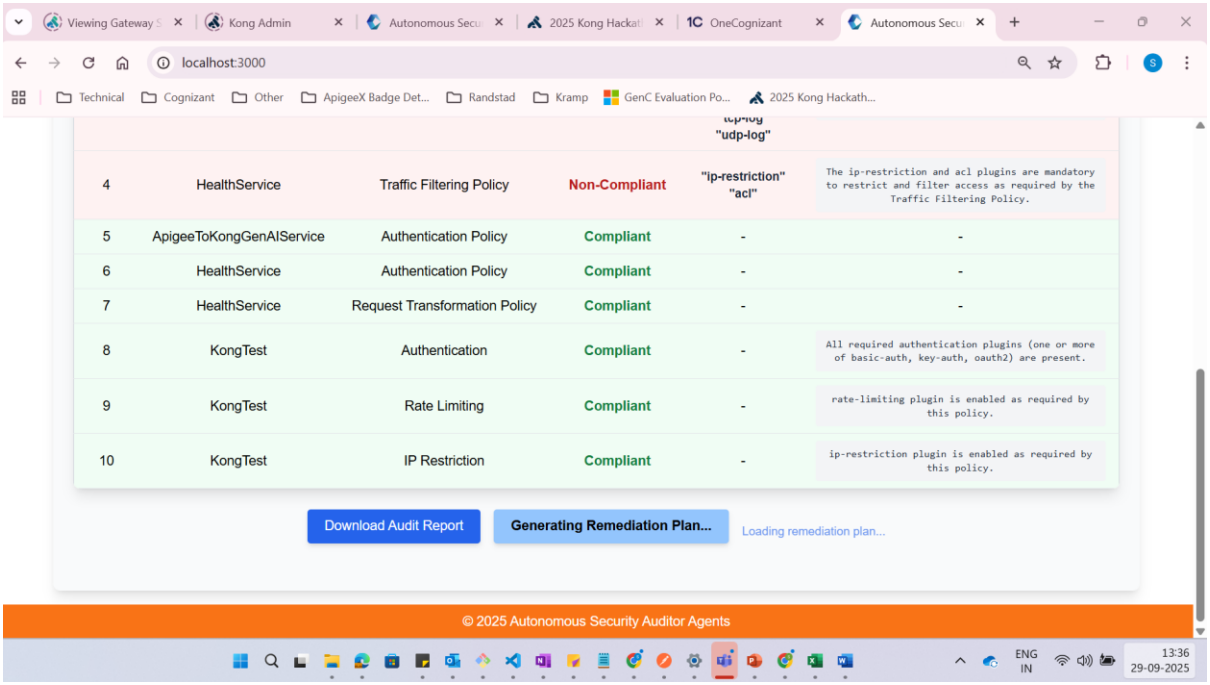
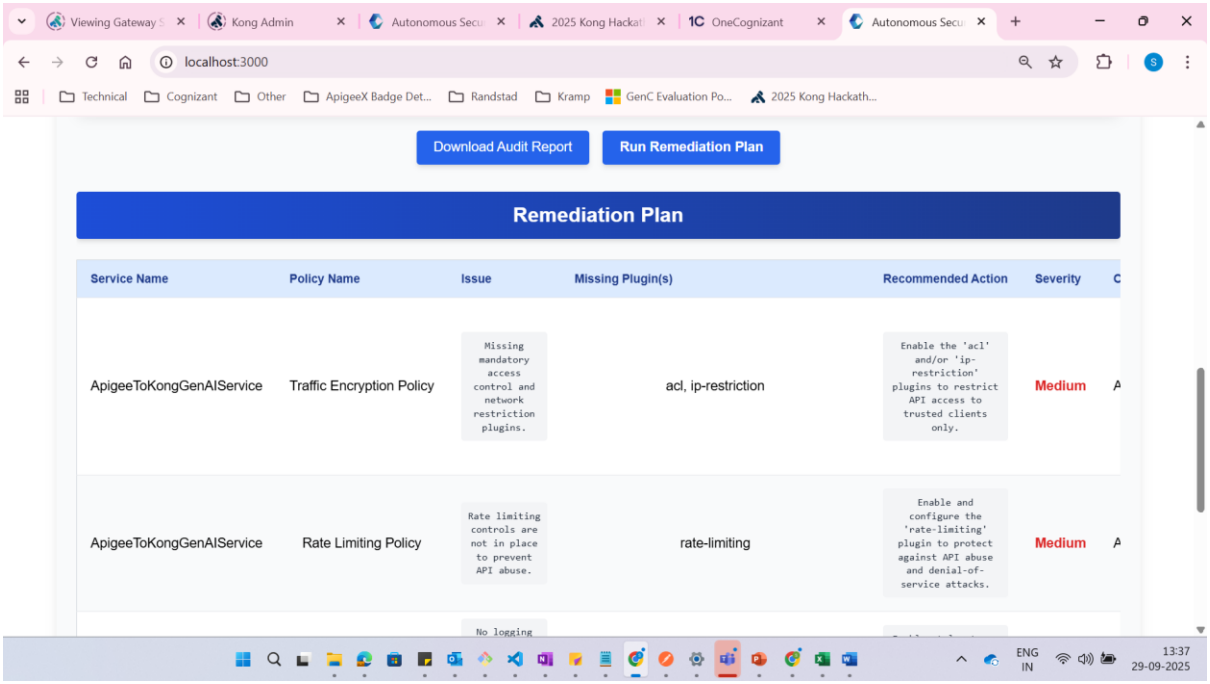
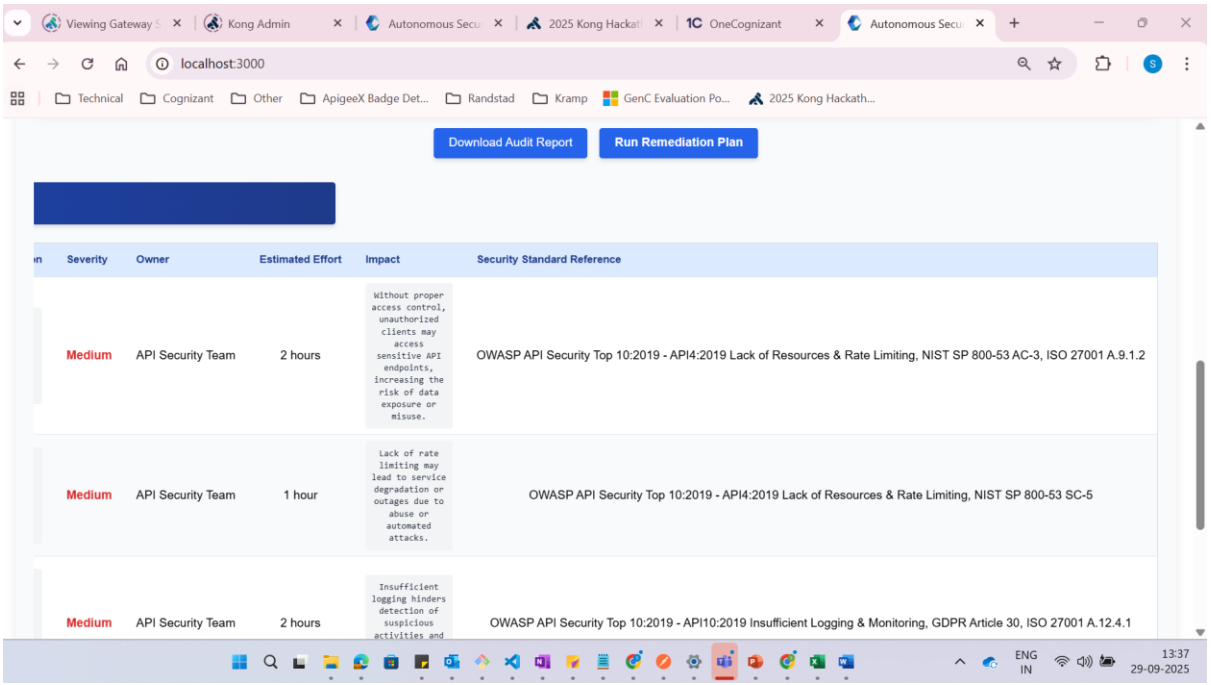
4. Remediate Audit Report and Generate Remediation Plan (Remediate Agent)



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localhost:3000
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ApigeeX Badge Det...
Randstad
Kramp
GenC Evaluation Po...
2025 Kong Hackath...
Download Audit Report
Run Remediation Plan
Severity
Owner
Estimated Effort
Impact
Security Standard Reference
Medium
API Security Team
2 hours
Without proper access control, unauthorized clients may access sensitive API endpoints, increasing the risk of data exposure or misuse.
OWASP API Security Top 10:2019 - API4:2019 Lack of Resources & Rate Limiting, NIST SP 800-53 AC-3, ISO 27001 A.9.1.2
Medium
API Security Team
1 hour
Lack of rate limiting may lead to service degradation or outages due to abuse or automated attacks.
OWASP API Security Top 10:2019 - API4:2019 Lack of Resources & Rate Limiting, NIST SP 800-53 SC-5
Medium
API Security Team
2 hours
Insufficient logging hinders detection of suspicious activities and
OWASP API Security Top 10:2019 - API10:2019 Insufficient Logging & Monitoring, GDPR Article 30, ISO 27001 A.12.4.1
ENG
IN
13:37
29-09-2025